

CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)



An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

QC ABSTRACT

NAME OF THE WORK : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

SI. No.	Item	Quantity As Per BOQ	Required No's of testes as per Frequency	Actual No's of testes as per Frequency	Testes Results
1	1:4:8	150.28 Cum	1	1	Pass
2	Steel	21.86 Tonne	1	1	Pass
3	M20	336.09 Cum	10	10	Pass
4	Precast Slab-100mm	819.72 Sqm	1	1	Pass

Cubes
0-5 Cum 1Set
6-15 Cum 2Set
16-30 Cum 3Set
31-50 Cum 4Set
Add 1set for extra 50Cum

[Signature]

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Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BB
Bangalore-560003

For CIVIL AIM CONSULTANTS & ENGINEERS

[Signature]
Authorised Signatory



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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 11.10.2023

TEST REPORT

CLIENT	:	Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
AGENCY	:	Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
NAME OF THE WORK	:	Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
SAMPLE ID	:	Cement (Zuari OPC 53 Grade)
DATE OF MANUFACTURE		September- 2023
DATE OF TESTING		09.10.2023 to 11.10.2023

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269-2015
1	a) Initial Setting Time	IS-4031 (Part -5)	128 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	339 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	3 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	29.00 %	-

Note:

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Date : 11.10.2023

Job No.: CACE/BBMP/DAN/W.No.14/2023-24

TEST REPORT ON FINE AGGREGATES (SAND)

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of Work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Date of Testing : 11.10.2023
IS Code : IS 383:2016
Material : Sand : IS 2386 (Part 1):1963(RA 2011)

Total Wt. of Aggregates in gms 1000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	80	8.00	8.00	92.0	90-100
2.36	135	13.50	21.50	78.5	75-100
1.18	152	15.20	36.70	63.3	55-90
600 Micron	151	15.10	51.80	48.2	35-59
300 Micron	235	23.50	75.30	24.7	8-30
150 Micron	159	15.90	91.20	8.8	0-10

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Job No: CACE/BBMP/DAN/W.No.14/2023-24

Date : 11.10.2023

TEST REPORT ON FINE AGGREGATES (SAND) IS 2116-1980

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.

Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.

Name of Work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Date of Testing : 11.10.2023

Material : Sand - Masonry

Total wt. of aggregates in gms = 1000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 2116-1980
4.75	0	0.00	0.00	100.0	100
2.36	17	1.70	1.70	98.3	90-100
1.18	75	7.50	9.20	90.8	70-100
600 Micron	141	14.10	23.30	76.7	40-100
300 Micron	248	24.80	48.10	51.9	5-70
150 Micron	495	49.50	97.60	2.4	0-15

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date : 11.10.2023

TEST REPORT ON COARSE AGGREGATES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of Work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Date of Testing : 11.10.2023
IS Code : IS 383:2016
: IS 2386 (Part 1):1963(RA 2011)
Material : 20mm Aggregates

Total Wt. of Aggregates in gms= 5000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	208	4.2	4.2	95.8	95-100
10	2549	51.0	55.1	44.9	25-55
4.75	1979	39.6	94.7	5.3	0-10

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Date : 11.10.2023

TEST REPORT ON COARSE AGGREGATES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu (Donadi Anand Naidu), Contractor, Bangalore.
Name of Work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Date of Testing : 11.10.2023
IS Code : IS 383:2016
Material : IS 2386 (Part 1):1963(RA 2011)
: 40mm Aggregates

Total Wt. of Aggregates in gms					15000
Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	166	1.11	1.11	98.89	95-100
20	8248	54.99	56.09	43.91	30-70
10	3260	21.73	77.83	22.17	10-35
4.75	2875	19.17	96.99	3.01	0-5

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date 13.10.2023

TEST REPORT OF PHYSICAL PROPERTIES OF REINFORCEMENT STEEL

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu (Donadi Anand Naidu), Contractor, Bangalore.
Name of Work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Steel Dia/Length : 8mm, 10mm, 12mm " Fe500 TMT Bars"
Reference to BIS codes : IS 1786:2008(RA 2013) High Strength Deformed Steel Bars and Wires for Concrete Reinforcement-Specification
Date of test : IS 1608:2005 Metallic Materials- Tensile Testing at Ambient Temperature
13.10.2023

S.No	Brand	Nominal size (dia in mm)	Mass per meter (kg/meter)	TENSILE STRENGTH			
				0.20 % proof stress/ yield stress (N/mm ²)	Tensile strength (N/mm ²)	TS/YS ratio	Elongation, percent on gauge length
1	TMT	8	0.396	531	640	1.21	14.5
2	TMT	10	0.622	548	652	1.19	14.5
3	TMT	12	0.889	558	652	1.17	15

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 27.10.2023

PRECAST SLAB 100 mm Thick(CORE) TEST REPORT

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Contractor : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of Work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
No.of Sample Tested : 03
Date of Testing : 27.10.2023
Technical Reference : IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete : M₂₀

SL No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m ³)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm ²)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm ²)	Equivalent Cube Compressive Strength (N/mm ²)
1	50.00	78.00	0.385	2513.83	1.56	0.952	32.50	16.55	17.88	17.03	21.28
2	50.00	79.00	0.391	2520.69	1.58	0.955	33.10	16.86	18.21	17.38	21.73
3	50.00	80.00	0.395	2514.65	1.60	0.957	33.80	17.21	18.59	17.79	22.24

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 25.10.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.10.2023	25.10.2023	8.121	351.7	15.63
2	18.10.2023	25.10.2023	8.128	355.3	15.79
3	18.10.2023	25.10.2023	8.134	358.9	15.95

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 15.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.10.2023	15.11.2023	8.159	509.2	22.63
2	18.10.2023	15.11.2023	8.175	515.7	22.92
3	18.10.2023	15.11.2023	8.183	518.3	23.04

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 25.10.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.10.2023	25.10.2023	8.128	343.9	15.28
2	18.10.2023	25.10.2023	8.137	349.7	15.54
3	18.10.2023	25.10.2023	8.145	352.8	15.68

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Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	18.10.2023	15.11.2023	8.195	500.3	22.24
2	18.10.2023	15.11.2023	8.201	509.7	22.65
3	18.10.2023	15.11.2023	8.205	514.3	22.86

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Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	20.10.2023	27.10.2023	8.138	349.4	15.53
2	20.10.2023	27.10.2023	8.144	347.2	15.43
3	20.10.2023	27.10.2023	8.152	348.1	15.47

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 17.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	20.10.2023	17.11.2023	8.190	506.8	22.52
2	20.10.2023	17.11.2023	8.198	512.7	22.79
3	20.10.2023	17.11.2023	8.201	513.9	22.84

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Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	20.10.2023	27.10.2023	8.119	342.9	15.24
2	20.10.2023	27.10.2023	8.121	348.3	15.48
3	20.10.2023	27.10.2023	8.133	351.7	15.63

Note:

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[Signature]

[Signature]
Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 17.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

SLNo.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	20.10.2023	17.11.2023	8.166	503.4	22.37
2	20.10.2023	17.11.2023	8.181	507.5	22.56
3	20.10.2023	17.11.2023	8.188	501.7	22.30

Note:

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[Signature]

[Signature]
Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 11.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 7th day

SLNo.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	04.11.2023	11.11.2023	8.150	340.9	15.15
2	04.11.2023	11.11.2023	8.149	346.2	15.39
3	04.11.2023	11.11.2023	8.142	339.1	15.07

Note:

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Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

For CIVIL AIM CONSULTANTS & ENGINEERS

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Ramaiah Layout, Nagasandra, Bangalore - 560 073.

Ph: 9591618639, GSTIN: 29CNWPD9510K1ZB, Email: civilaimconsultants@gmail.com



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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 02.12.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.

Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.

Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	04.11.2023	02.12.2023	8.169	502.2	22.32
2	04.11.2023	02.12.2023	8.188	484.9	21.55
3	04.11.2023	02.12.2023	8.172	496.3	22.06

Note:

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[Signature]

[Signature]
Assistant Executive Engineer
T Dasarahalli Sub division
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Bangalore-560073

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 11.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	04.11.2023	11.11.2023	8.105	346.8	15.41
2	04.11.2023	11.11.2023	8.112	347.3	15.44
3	04.11.2023	11.11.2023	8.108	349.1	15.52

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Assistant Executive Engineer
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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 02.12.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	04.11.2023	02.12.2023	8.167	504.8	22.44
2	04.11.2023	02.12.2023	8.172	509.3	22.64
3	04.11.2023	02.12.2023	8.179	512.7	22.79

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[Signature]

[Signature]
Assistant Executive Engineer
T. Dasarahalli Sub Division
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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 13.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	06.11.2023	13.11.2023	8.101	351.7	15.63
2	06.11.2023	13.11.2023	8.119	352.9	15.68
3	06.11.2023	13.11.2023	8.145	348.3	15.48

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[Signature]

[Signature]
Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 13.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	06.11.2023	13.11.2023	8.101	351.7	15.63
2	06.11.2023	13.11.2023	8.119	352.9	15.68
3	06.11.2023	13.11.2023	8.145	348.3	15.48

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[Signature]

[Signature]
Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 04.12.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	06.11.2023	04.12.2023	8.170	509.7	22.65
2	06.11.2023	04.12.2023	8.181	511.9	22.75
3	06.11.2023	04.12.2023	8.186	515.2	22.90

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[Signature]

[Signature]
Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 13.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 7th day

SLNo.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	06.11.2023	13.11.2023	8.095	342.5	15.22
2	06.11.2023	13.11.2023	8.079	345.1	15.34
3	06.11.2023	13.11.2023	8.083	348.3	15.48

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Assistant Executive Engineer
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Bangalore-560073

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01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 04.12.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	06.11.2023	04.12.2023	8.171	512.2	22.76
2	06.11.2023	04.12.2023	8.182	514.9	22.88
3	06.11.2023	04.12.2023	8.198	516.7	22.96

Note:

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[Signature]

[Signature]
Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 15.11.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	08.11.2023	15.11.2023	8.112	350.9	15.60
2	08.11.2023	15.11.2023	8.127	353.6	15.72
3	08.11.2023	15.11.2023	8.138	352.7	15.68

Note:

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Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 06.12.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	08.11.2023	06.12.2023	8.179	511.9	22.75
2	08.11.2023	06.12.2023	8.192	513.4	22.82
3	08.11.2023	06.12.2023	8.168	514.8	22.88

Note:

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T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

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Date: 17.11.2023

Job No.: CACE/BBMP/DAN/W.No.14/2023-24

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	10.11.2023	17.11.2023	8.119	343.9	15.28
2	10.11.2023	17.11.2023	8.128	344.7	15.32
3	10.11.2023	17.11.2023	8.140	345.8	15.37

Note:

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[Signature]

[Signature]
Assistant Executive Engineer
T. Dasarahalli Sub Division
DCC Bagalagunte, BBMP
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Job No.: CACE/BBMP/DAN/W.No.14/2023-24

Date: 08.12.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, T Dasarahalli Sub division, BBMP, Bangalore.
Agency : Sri D Anand Naidu(Donadi Anand Naidu), Contractor, Bangalore.
Name of the work : Providing Infrastructure programmes to SC / ST Communities in Dasarahalli Zone
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm²
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M₂₀
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	10.11.2023	08.12.2023	8.180	504.8	22.44
2	10.11.2023	08.12.2023	8.175	508.3	22.59
3	10.11.2023	08.12.2023	8.192	509.7	22.65

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Assistant Executive Engineer
T. Dasarahalli Sub division
AC-2, Dasarahalli, BBMP
Bangalore-560015

For CIVIL AIM CONSULTANTS & ENGINEERS

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